



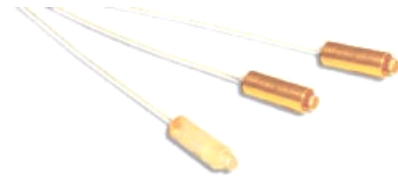
780~1064nm PM Fiber Collimator

FEATURES

- High Return Loss
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability
- Low Profile Packaging

APPLICATIONS

- Optical Isolator
- Optical Circulator
- Optical Components
- WDM Assembly
- Laboratory R&D

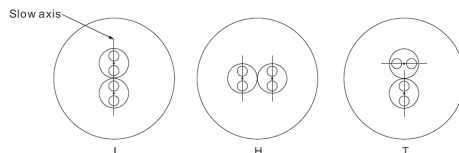


SPECIFICATIONS

Parameters	Unit	Single Fiber	Dual Fiber
Working Wavelength	nm	780, 850, 980, 1030, 1064	
Working Distance (WD)	mm	5, 20, 50	
Insertion Loss (WD=5mm)	Typ.	0.35	0.40
	Max.	0.40	0.45
Return Loss	dB	≥50	
Lens Type	-	C-Lens or GRIN Lens	
Extinction Ratio	Typ.	23	
	Min.	20	
Fiber Type	-	PM850 Panda Fiber for 780nm, 850nm PM980 Panda Fiber for 980~1064nm	
Fiber Length	m	1.0, 1.5 or customer specify	
Maximum Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	1.8mm Lens	mm	(Φ)3.2x10 for Metal Tube (Φ)2.78x9 for Glass Tube

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 4. Insertion loss for 780nm, 850nm is 0.2dB higher or 0.7dB higher if with connector.

SLOW AXIS ORIENTATION



ORDERING INFORMATION

FPCO-C	NNN	-	NNNN	-	C	C	C	-	N	C	NN	-	CC/CCC
Type	WD		Wavelength		Lens OD	Housing	Lens		Fiber Type	Fiber Sleeve	Fiber Length		Connector.
S= Single Fiber	005= 5mm		980= 980nm		S= 1.8mm	M= Metal	G=Grin Lens		2= 250um	B=Bare Fiber	10=1.0m		N= None
I= Dual Fiber I Type	020= 20mm		1030= 1030nm			G= Glass	C=C-lens		Panda Fiber	L=Loose Tube	15=1.5m		SC/PC= SC/PC Connector
H= Dual Fiber H Type	100= 100mm		1064= 1064nm										FC/APC=FC/APC Connector
T= Dual Fiber T Type													